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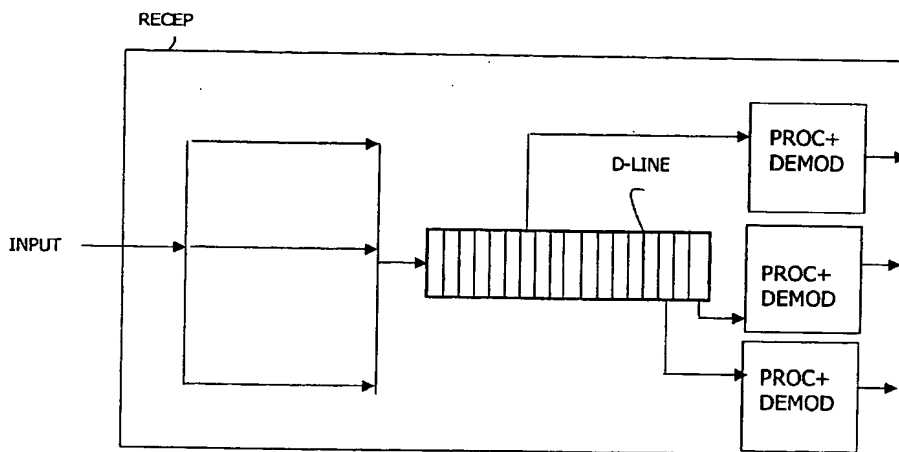
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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).**
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **ARDICHVILL, Emmanuel [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR). FLORET, Christophe [FR/FR]; 156, boulevard Haussmann, F-75008 Paris (FR).**
- (74) Agent: **CHAFFRAIX, Jean; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).**
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(54) Title: **DELAY LINE FOR MULTIPLE PROPAGATION PATHS RECEPTION**



(57) Abstract: The present invention relates to a delay line (D LINE) for delaying an input signal, said input signal comprising a series of samples (IN TIME, LATE, VOID). The invention is characterized in that it is intended to delay the input signal by a series of delays and that the series is divided into a series of delay sub-lines (ZONE) each intended to write one sample from the series of samples (IN TIME, EARLY, LATE, VOID) of said input signal, and in that it comprises control means (RD DD GEN) intended to generate read addresses of the samples in the delay sub-line (ZONE) from the series of samples (IN TIME, EARLY, LATE, VOID) of the input signal. The read addresses are equal to a difference between a write address of a sample in the delay sub-lines (ZONE) of the input signal and said delays expressed in a number of chip periods.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B1/707

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 075 090 A (SAMSUNG ELECTRONICS CO LTD) 7 February 2001 (2001-02-07) figure 3 paragraph '0010! paragraph '0012!	1-5, 7, 10, 12, 13
A	EP 1 162 755 A (LUCENT TECHNOLOGIES INC) 12 December 2001 (2001-12-12) paragraph '0010! figure 3	1, 12, 13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Chave, J

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